

file



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION 6 SITE NUMBER (to be used by HQ) 8710-18
TXD 981517691

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460

I. SITE IDENTIFICATION

A. SITE NAME GARTH ROAD SITE		B. STREET (or other identifier) 6134 Garth Rd. (Tract 37B Blk. 20 Highland Farms area)	
C. CITY Baytown	D. STATE TX	E. ZIP CODE 77521	F. COUNTY NAME Harris
G. SITE OPERATOR INFORMATION			
1. NAME Charles Grube		2. TELEPHONE NUMBER (713) 652-5932	
3. STREET 1200 Smith St., Suite 1775	4. CITY Houston	5. STATE TX	6. ZIP CODE 77002
H. REALTY OWNER INFORMATION (if different from operator of site)			
1. NAME Same as above		2. TELEPHONE NUMBER	
3. CITY	4. STATE	5. ZIP CODE	

I. SITE DESCRIPTION

Site is heavily vegetated. There are several garbage piles and scrap metal throughout site.

J. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.)	B. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input checked="" type="checkbox"/> 4. NONE
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C. PREPARER INFORMATION

1. NAME Herald, Anthony, R.	2. TELEPHONE NUMBER (214) 742-6601	3. DATE (mo., day, & yr.) Nov. 19, 1987
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III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION	
1. NAME Herald, Anthony, R.	2. TITLE Geologist/Geological Engineer
3. ORGANIZATION Ecology and Environment, Inc., 1509 Main St., Dallas, TX 75201	
4. TELEPHONE NO. (area code & no.) (214) 742-6601	
B. INSPECTION PARTICIPANTS	

NAME	ORGANIZATION	TELEPHONE NO.
Herald, Anthony, R.	Ecology and Environment, Inc.	(214) 742-6601
Roblin, Ray	Ecology and Environment, Inc.	(214) 742-6601

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

NAME	TITLE & TELEPHONE NO.	ADDRESS
Charles Grube	Land Owner/713-652-5932	1200 Smith Street, Suite 1775 Houston, TX 77002

Continued From Front

III. INSPECTION INFORMATION (continued)**D. GENERATOR INFORMATION (sources of waste)**

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
N/A			

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
N/A			

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
N/A		

G. DATE OF INSPECTION(mo., day, & yr.)
11-12-87**H. TIME OF INSPECTION**

11 15-1630 hrs

I. ACCESS GAINED BY: (credentials must be shown in all cases)☒ 1. PERMISSION☐ 2. WARRANT**J. WEATHER (describe)**

Clear skys, wind from the east/southeast, cool 50°.

IV. SAMPLING INFORMATION**A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.**

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER (specify)		No samples taken during this inspection.	

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
Radioactivity-RAM IV	throughout whole site	never above background
recycled paper		ecology and environment
recycled paper		ecology and environment
recycled paper		ecology and environment

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS

☒ a. GROUND ☐ b. AERIAL

2. PHOTOS IN CUSTODY OF:

U.S. EPA Region VI (attached)

D. SITE MAPPED?

☒ YES. SPECIFY LOCATION OF MAPS:

Map enclosed

E. COORDINATES

1. LATITUDE (deg.-min.-sec.)

29° 46' 22" N

2. LONGITUDE (deg.-min.-sec.)

94° 58' 48" W

V. SITE INFORMATION

A. SITE STATUS

☐ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)☒ 2. INACTIVE (Those sites which no longer receive wastes.)☒ 3. OTHER (specify): Trash, scrap iron, tires.
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

☒ 1. NO ☐ 2. YES (specify generator's four-digit SIC Code): _____

C. AREA OF SITE (in acres)

5.3 acres

D. ARE THERE BUILDINGS ON THE SITE?

☒ 1. NO ☐ 2. YES (specify): _____

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

<input checked="" type="checkbox"/> A. TRANSPORTER	<input type="checkbox"/> B. STORER	<input type="checkbox"/> C. TREATER	<input checked="" type="checkbox"/> D. DISPOSER
1. RAIL	1. PILE	1. FILTRATION	1. LANDFILL
2. SHIP	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM
3. BARGE	3. DRUMS	3. VOLUME REDUCTION	3. OPEN DUMP
4. TRUCK	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE IMPOUNDMENT
5. PIPELINE	5. TANK, BELOW GROUND	5. CHEM./PHYS./TREATMENT	5. MIDNIGHT DUMPING
6. OTHER (specify):	6. OTHER (specify):	6. BIOLOGICAL TREATMENT	6. INCINERATION
		7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	8. OTHER (specify):
		9. OTHER (specify):	Several junk piles with assorted scrap iron, tires and trash

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

- ☐ 1. STORAGE ☐ 2. INCINERATION ☐ 3. LANDFILL ☐ 4. SURFACE IMPOUNDMENT ☐ 5. DEEP WELL
☐ 6. CHEM/BIO/PHYS TREATMENT ☐ 7. LANDFARM ☐ 8. OPEN DUMP ☐ 9. TRANSPORTER ☐ 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. LIQUID ☐ 2. SOLID ☐ 3. SLUDGE ☐ 4. GAS

N/A

B. WASTE CHARACTERISTICS

☐ 1. CORROSIVE ☐ 2. IGNITABLE ☐ 3. RADIOACTIVE ☐ 4. HIGHLY VOLATILE
☐ 5. TOXIC ☐ 6. REACTIVE ☐ 7. INERT ☐ 8. FLAMMABLE
☐ 9. OTHER (specify):

N/A

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

N/A

Continued From Front

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER			
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT			
none	none	none	none	none	none			
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE			
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY, PHARMACEUT.			
(2) METALS SLUDGES	(2) OTHER(specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL			
(3) POTW		(3) OTHER(specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE			
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL			
(5) OTHER(specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER(specify):			
			(6) CYANIDE	(6) OTHER(specify):				
			(7) PHENOLS					
			(8) HALOGENS					
			(9) PCB					
			(10) METALS					
			(11) OTHER(specify):					

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')			3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	6. UNIT
	a. SOLID	b. LIQ.	c. VAPOR	a. HIGH	b. MED.	c. LOW	d. NONE			
none										

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

☐ A. HUMAN HEALTH HAZARDS

VIII. HAZARD DESCRIPTION (continued)

☐ **B. NON-WORKER INJURY/EXPOSURE**

☐ **C. WORKER INJURY/EXPOSURE**

☐ **D. CONTAMINATION OF WATER SUPPLY**

☐ **E. CONTAMINATION OF FOOD CHAIN**

☐ **F. CONTAMINATION OF GROUND WATER**

☐ **G. CONTAMINATION OF SURFACE WATER**

VIII. HAZARD DESCRIPTION (continued)

☐ H. DAMAGE TO FLORA/FAUNA

☐ I. FISH KILL

☐ J. CONTAMINATION OF AIR

☐ K. NOTICEABLE ODORS

☐ L. CONTAMINATION OF SOIL

☐ M. PROPERTY DAMAGE

VIII. HAZARD DESCRIPTION (continued)

☐ N. FIRE OR EXPLOSION☐ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID☐ P. SEWER, STORM DRAIN PROBLEMS☐ Q. EROSION PROBLEMS☒ R. INADEQUATE SECURITY

Site has no security fence at all. Site is open to access by the public.

☐ S. INCOMPATIBLE WASTES

VIII. HAZARD DESCRIPTION (continued)

☒ T. MIDNIGHT DUMPING

No evidence of midnight dumping in the last 2-3 years. The possibility of midnight dumping exists due to inadequate security.

☒ U. OTHER (specify): FIT located the site at 6134 Garth Road. The Technical Directive Document stated that the site was located directly across the road from 6133 Garth Road. The legal description (obtained from the Harris County Appraisal District) is Tract 37B, Block 20, Highland Farms area, Harris County.

Upon calling the land owner, Mr. Grube finally consented and granted FIT permission to enter the site.

The TAT investigated the site on 4-29-86 because the site was identified as a potential dump ground for vacuum trucks which contained a variety of petrochemical wastes.

After examining the site and the adjoining area, the FIT found no evidence of dumped sludges or pits of any kind. The site is heavily wooded, characterized by very dense vegetation and thickets and is bounded by plowed fields and Garth Road. The fields are presently planted for winter wheat. The site at one time contained a scrap iron junk yard and one residential dwelling in which only the foundation presently exists. There are numerous trash piles containing tires, boat hulls, and household garbage (See photo attachments). There are no immediate run-off pathways for offsite migration and no stressed vegetation was apparent. (See Attachment A).

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	20-25	20-25	7-8	< 1000'
2. IN COMMERCIAL OR INDUSTRIAL AREAS	1	1	1 (car lot)	900'
3. IN PUBLICLY TRAVELLED AREAS	> 5000	> 5000	N/A	Garth Road Archer Road
4. PUBLIC USE AREAS (parks, schools, etc.)	100 ± 25	100 ± 25	1 (church)	1000'

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit) 100' ± 25'	B. DIRECTION OF FLOW S-SE	C. GROUNDWATER USE IN VICINITY Residential wells
D. POTENTIAL YIELD OF AQUIFER > 500 gallons/minute	E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure) @ 1000' (feet)	F. DIRECTION TO DRINKING WATER SUPPLY S-SE
G. TYPE OF DRINKING WATER SUPPLY		
<input checked="" type="checkbox"/> 1. NON-COMMUNITY < 15 CONNECTIONS* <input type="checkbox"/> 2. COMMUNITY (specify town): _____ > 15 CONNECTIONS <input type="checkbox"/> 3. SURFACE WATER <input checked="" type="checkbox"/> 4. WELL		

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COM- MUNITY (mark 'X')	5. COMMUN- ITY (mark 'X')
(b) (6)	100+	South, 600' from site (private well)	X	
*There are approximately 8 residential homes within 1/4 mile of site.				
All residents own their own wells which range in depth of 100-200 feet.				

I. RECEIVING WATER

1. NAME

☐ 2. SEWERS☐ 3. STREAMS/RIVERS

N/A

☐ 4. LAKES/RESERVOIRS☐ 5. OTHER (specify):

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

XI. SOIL AND VEGETATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE☐ B. KARST ZONE☒ C. 100 YEAR FLOOD PLAIN☐ D. WETLAND☐ E. A REGULATED FLOODWAY☐ F. CRITICAL HABITAT☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
X	1. SAND	X			
	2. CLAY				
	3. GRAVEL				

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN☐ B. VERY HIGH (100,000 to 1000 cm/sec.)☐ C. HIGH (1000 to 10 cm/sec.)☒ D. MODERATE (10 to .1 cm/sec.)☐ E. LOW (.1 to .001 cm/sec.)☐ F. VERY LOW (.001 to .00001 cm/sec.)

G. RECHARGE AREA

☒ 1. YES☐ 2. NO

3. COMMENTS:

H. DISCHARGE AREA

☐ 1. YES☒ 2. NO

3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE

1%

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.

South-southwest

J. OTHER GEOLOGICAL DATA The area of study lies within the western region of the Gulf Coast basin. Miocene, Pliocene, and Plistocene sediments constitute the youngest cenozoic sediments which represent the last major depositional episode in the western Gulf Coast Basin (Carr, Meyer, Sadeen, and others, 85).

See Attachment A.

Continued From Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X')		
					1. YES	2. NO	3. UN- KNOWN
None							

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☒ NONE ☐ YES (summarize in this space)

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT SUPPLEMENT SHEET

Revised 03-01-84

Instruction - This sheet is provided to give additional information in explanation of a question on the form 12070-3.

Corresponding
number on form

Additional Remark and/or Explanation

Cont. VIII. U. pg. 8

On 11-13-87 FIT conducted an area water well survey and found that all homes have their own water supply well. Area water wells are presently drilled to a total depth of 200-225'. Older wells in the area were drilled to 100-150' (See other Geological data).

The Technical Directive Document requested that a sampling plan be included with the Site Inspection Report. Since no sludges were found and no apparent offsite or onsite migration exists, FIT recommends no further action and therefore a sampling plan is not included.

Cont. XIII. J. pg. 9

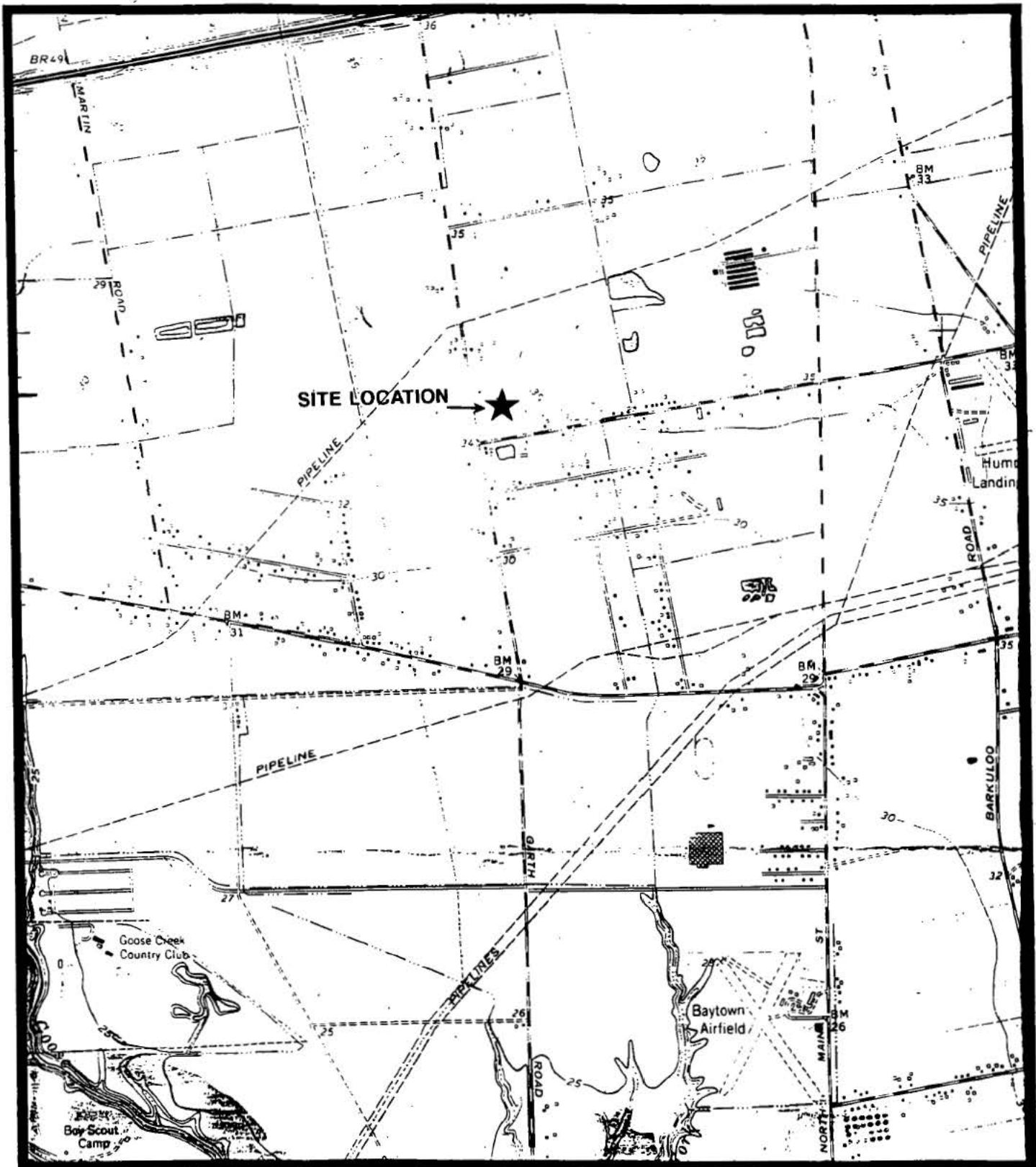
Most sands in the Beaumont Formation contain fresh water. The primary aquifer within the Beaumont Formation is the Chicot. In much of the coastal area. The Chicot Aquifer is composed of sedimentary deposits of sand, gravel, silt, and clay (sols, 81). Considerable amounts of fresh water have been and are currently being pumped from the Coastal Aquifer for irrigation, municipal and industrial uses.

SELECTED REFERENCES:

Carr, J., Meyer, W., Sandeen, W., and Mc Lane, I., 1985, Digital Models for Simulation of Ground-Water Hydrology of the Chicot and Evangeline Aquifers of the Gulf Coast of Texas: Texas Department of Water Resources, Report 289 p.3, 10.

Sous, R.F., 1981, Upper Tertiary and Quaternary Depositional Systems, Central Coastal Plains, Texas--Regional Geology of The Coastal Aquifer and Potential Liquid Waste Repositories, Report of Investigation No. 108, P. 9.

MONT BELVIEU QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24,000

**6134 GARTH ROAD SITE
BAYTOWN, TEXAS**

TXD981517691



QUADRANGLE LOCATION

MONT BELVIEU, TEX.

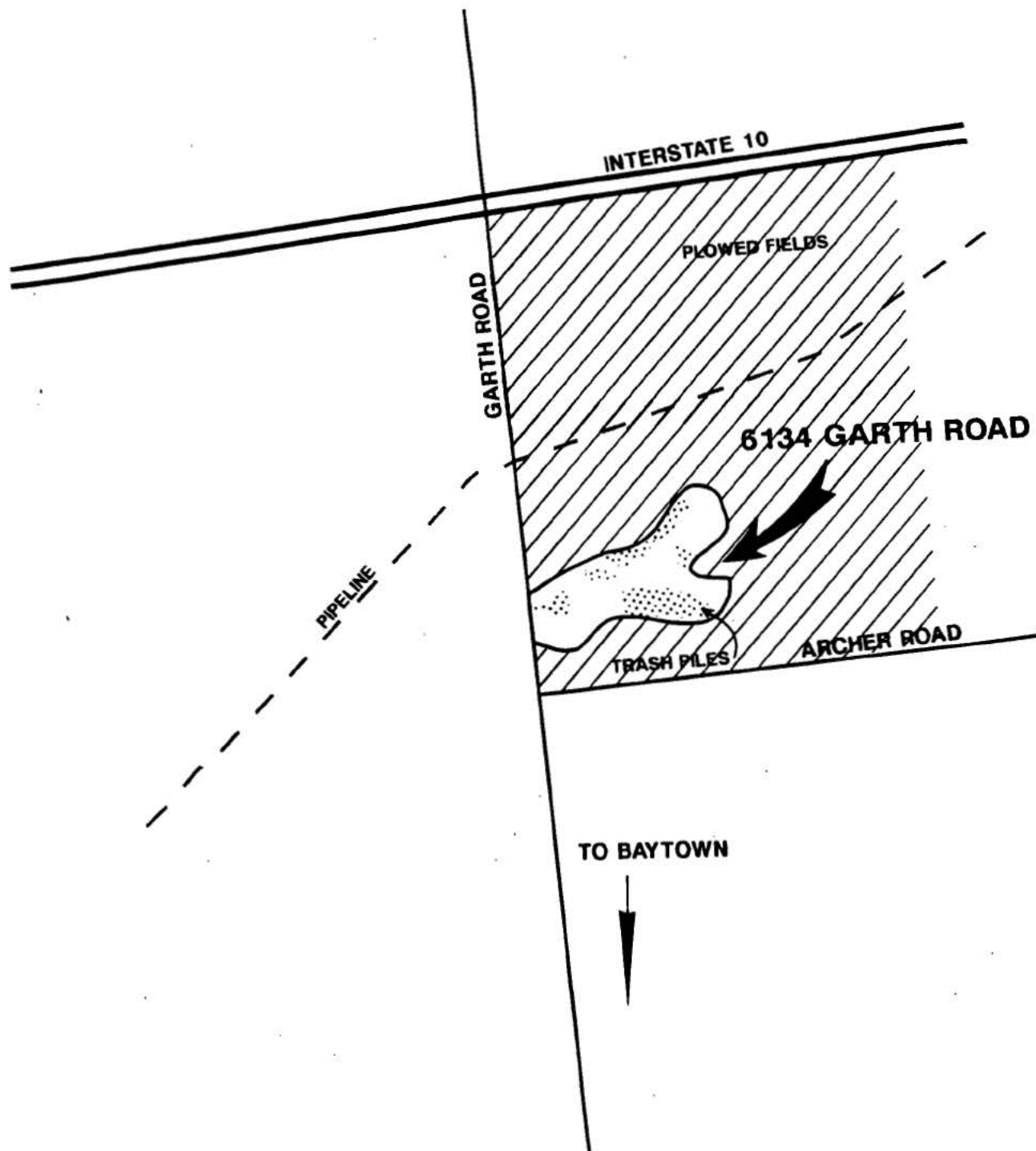
12945 - W9452 5/7 5

1961

REPRODUCED FROM

AMS 7043 IV SW-SERIES V882

SITE SKETCH



**6134 GARTH ROAD
BAYTOWN, TEXAS**

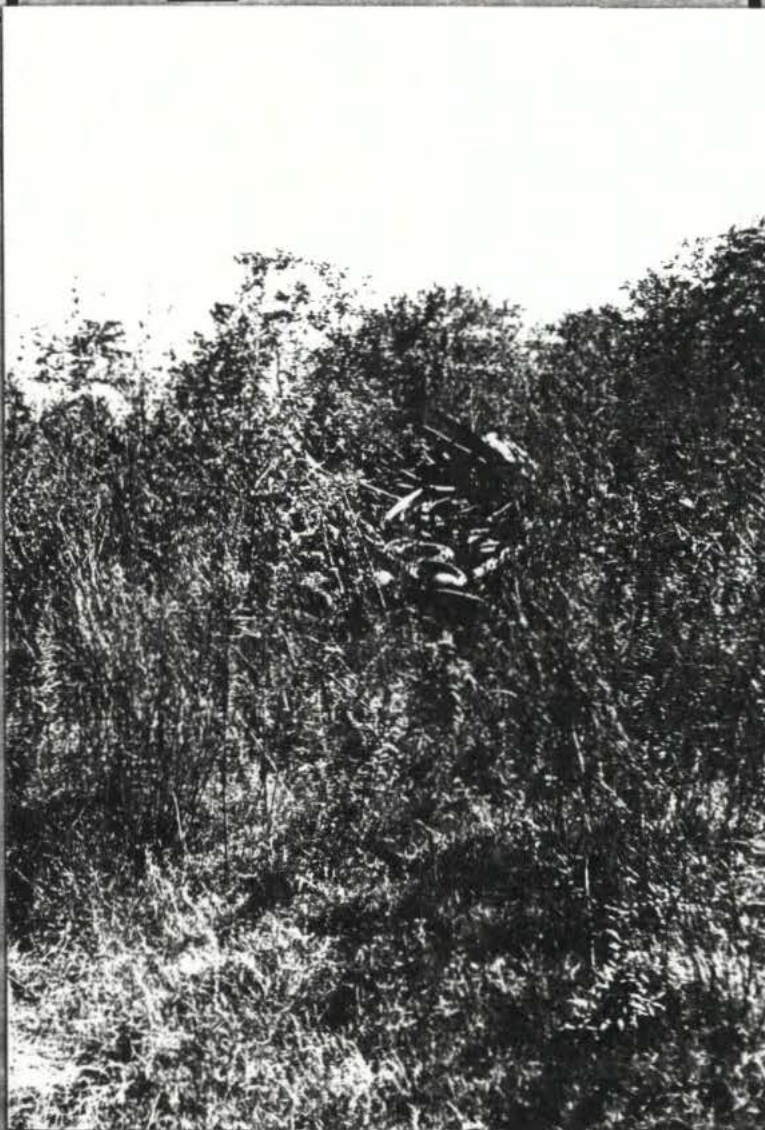
TXD981517691

11-12-87

NOT TO SCALE

PG 1 OF 5

NO. 3



PHOTOGRAPHER/WITNESS

11-12-87 / 14:34 / south

DATE / TIME / DIRECTION

COMMENTS

view south of trash
pile*Re Robt. D. [Signature]*

PHOTOGRAPHER/WITNESS

11-12-87 / 14:32 / SOUTH

DATE / TIME / DIRECTION

COMMENTS

view of trash pile

Re Robt. D. [Signature]

NO.

2

Photographer / Witness

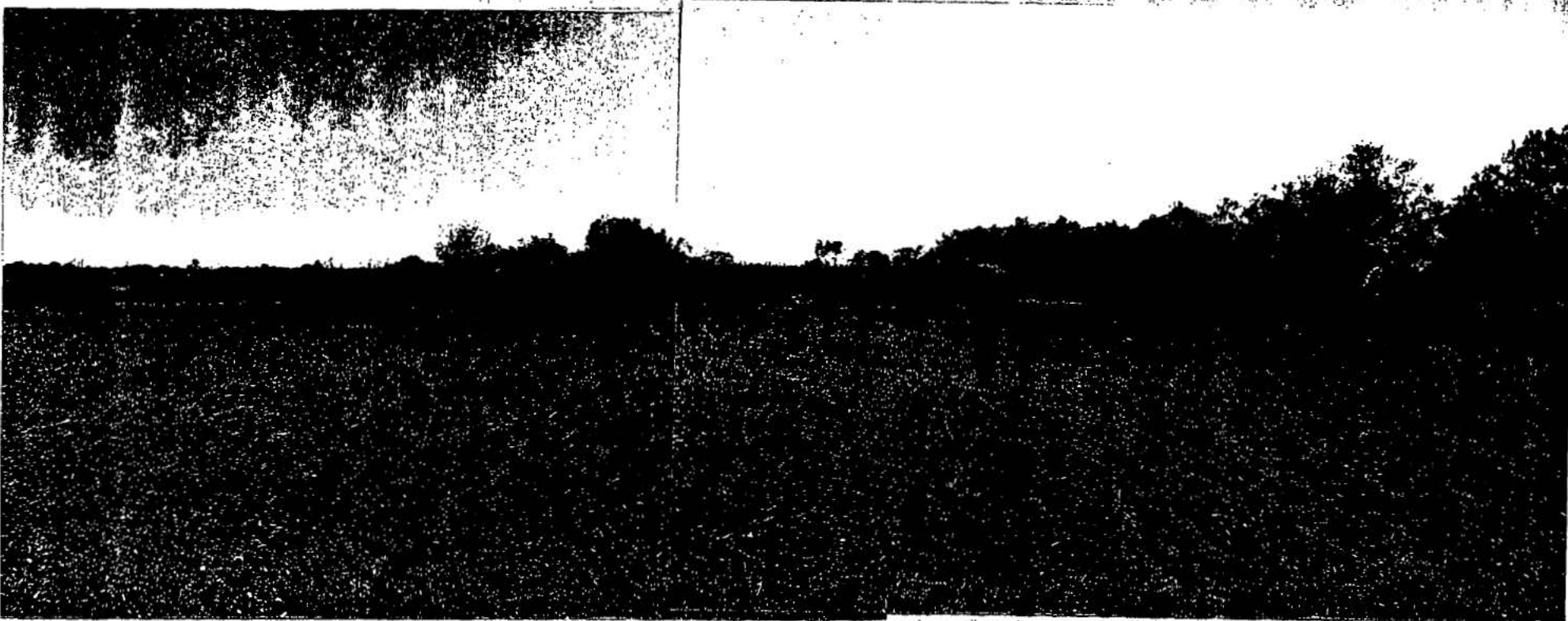
TXD981517691

Date / Time / Direction

11-12-87/14:37/WEST

Comments: PAN VIEW OF EAST

BOUNDARY OF SITE



PANAROMA VIEW CONTINUED ON 2B OF 5

Photographer / Witness

Anthony R. Smith

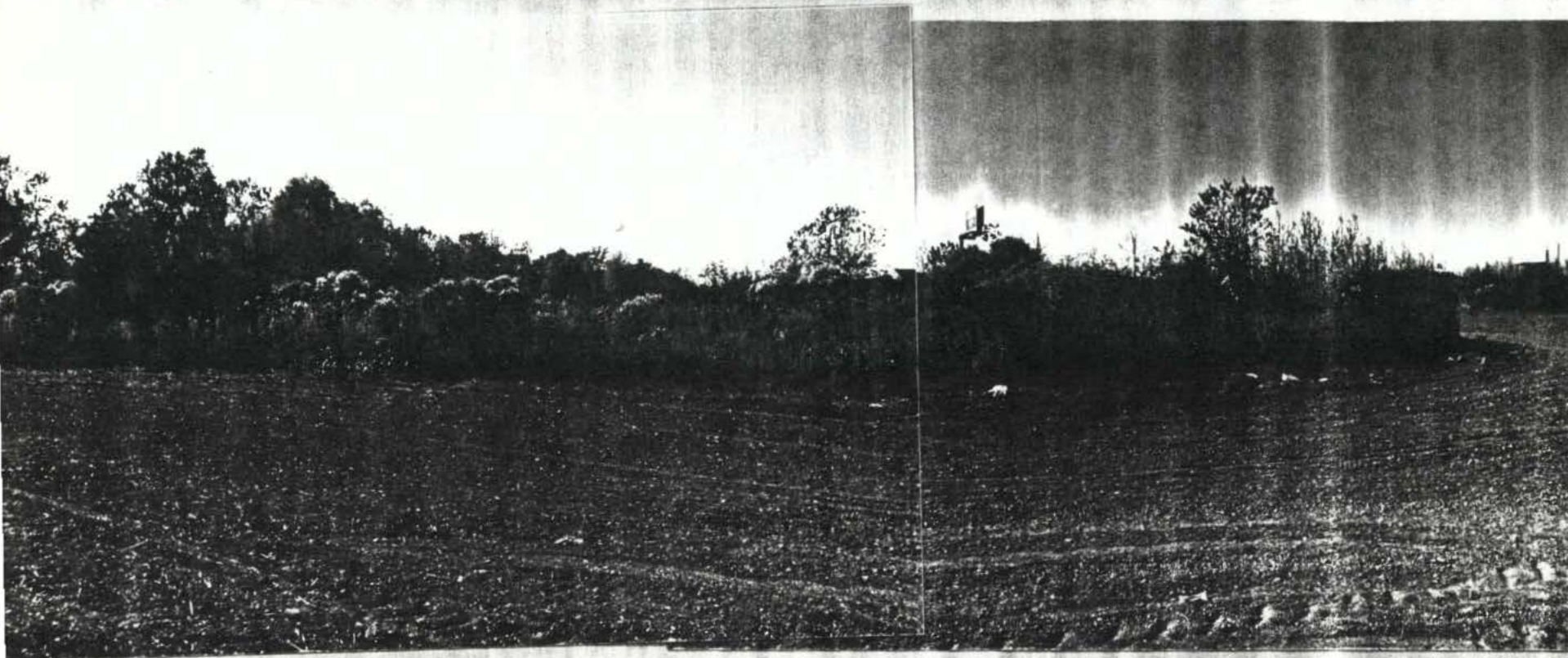
TXD191517691

Date / Time / Direction

11-12-87/14:37/WEST

Comments: PAN VIEW OF EAST

BOUNDRY OF SITE



PANAROMA VIEW CONTINUED ON 2A OF 5

TXD981517691

NO

10



PHOTOGRAPHER/WITNESS

W. Hall

DATE / TIME / DIRECTION

11-12-87/15:04/NORTH

COMMENTS

VIEW OF TIRES

PHOTOGRAPHER/WITNESS

W. Hall

DATE / TIME / DIRECTION

11-12-87/15:01/SOUTH

COMMENTS

VIEW OF TRASH PILE



NO

8

TXD981517691

NO

14



PHOTOGRAPHER/WITNESS

W. Holt / Anthony P. Smith

DATE / TIME / DIRECTION

11-12-87/15:10/SOUTH

COMMENTS

VIEW OF TIRES

PHOTOGRAPHER/WITNESS

W. Holt / Anthony P. Smith

DATE / TIME / DIRECTION

11-12-87/15:11/SOUTH

COMMENTS

VIEW OF TIRES



NO

12

TXD981517691

NO.

18



PHOTOGRAPHER/WITNESS

W. Hall

DATE / TIME / DIRECTION

11-12-87/15:22/NORTHWEST

COMMENTS

VIEW OF NORTHEAST
CORNER/BOUNDARY OF SITE

PHOTOGRAPHER/WITNESS

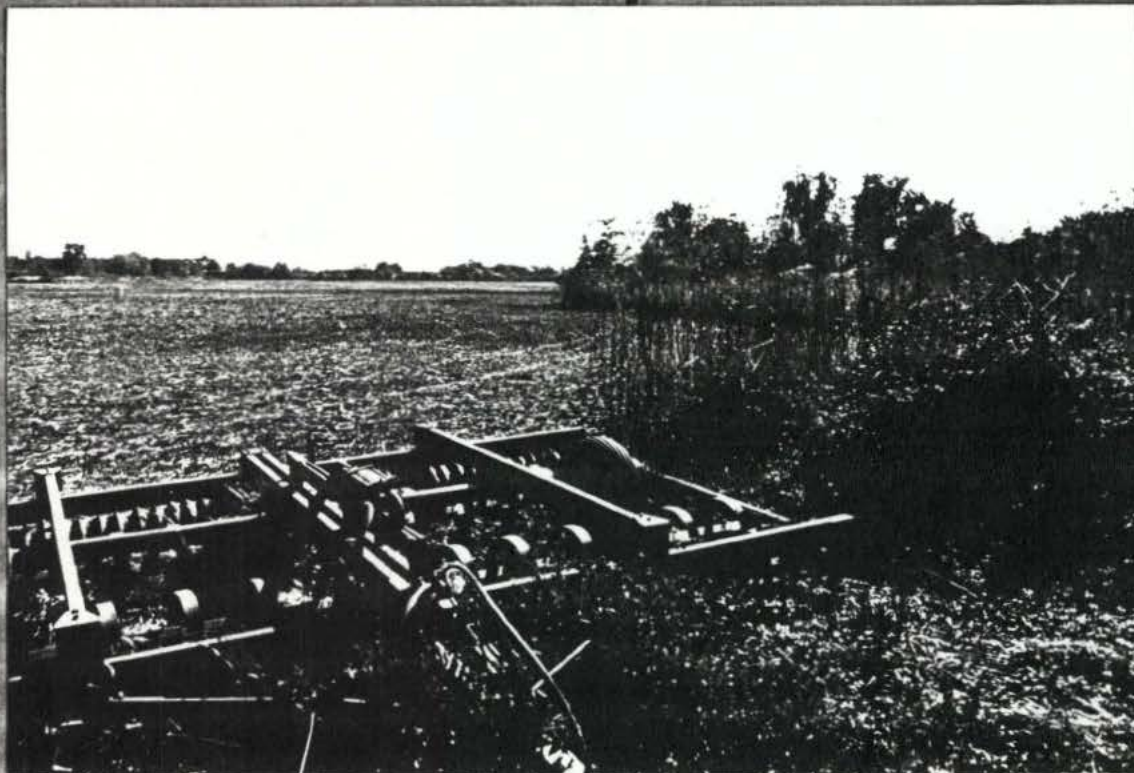
W. Hall

DATE / TIME / DIRECTION

11-12-87/15:22/SOUTHEAST

COMMENTS

VIEW OF EASTERN
BOUNDARY OF SITE



NO.

19